Amendments to the Specification:

Please replace the paragraph beginning at page 1, line 6 with the following amended paragraph:

The present invention relates to a radio frequency (RF receiver for a code division multiple access (CDMA) mkobile communication base transceiver station (BTS) system and, ore particularly, to an RF receiver for a CDMA mobile communication BTS system contrived to down-convert RF signals of 3 frequency allocation (FA) [[FA]]'s to intermediate frequency (IF) signals, convert the 3FA IF signals to digital signals, and digitally perform the FA-based quadrature phase shift keying (QPSK) [[QPSK]] demodulation and channel filtering.

In the Abstract:

Please replace the Abstract with the following:

The RF receiver for the CDMA mobile communication BTS system according to the present invention realizes the system with an analog down-converter to process multiple FA's and generate IF signals of 70 MHz having a bandwidth corresponding to the multiple FA's with a mixer, and a digital down-converter to digitally process the respective FA's through A/D conversion of the IF signals of 70 MHz, allowing simple multi-FA(3FA)-based expansion. Also, the system needs only one analog down-converter for simultaneously processing 3 FA's and one digital down-converter for digitally processing the IF signals from the analog down-converter by FA's to down-convert the IF signals to baseband signals, thereby reducing the size of the system and hence the hardware cost. The system can be implemented with higher stability by digitally processing the down-conversion of the analog IF signals of multiple FA's to the baseband signals.